

Start/End Dates

Meeting Days

Meeting Times

Location

Instructor

Course Topic (if applicable)

CHEMISTRY

Chemistry

CHEM 100 CHEMISTRY FOR THE CONSUMER ... A critical examination of those chemical products which have a significant impact upon the daily life of the consumer. Attention will be focused from the consumer viewpoint upon food additives, prescription and non-prescription drugs, fuels, pesticides, detergents, synthetic fibers and plastics. Meets General Studies laboratory science requirements.

COREQ: MATH 141 OR 140 OR WAIVER

#2922	Section 01	[units: 4]	Gen Ed Laboratory (GL)				
	01/19-05/19	M	11:00 AM - 12:40 PM	UH0244	Hassimi Traore		
	01/19-05/19	M	11:00 AM - 12:40 PM	UH0244	Paul G House		
	01/19-05/19	MWF	07:45 AM - 08:35 AM	UH0145	Margaret F Phillips		
#2876	Section 02	[units: 4]	Gen Ed Laboratory (GL)				
	01/19-05/19	T	08:20 AM - 10:00 AM	UH0244	Margaret F Phillips		
	01/19-05/19	MWF	07:45 AM - 08:35 AM	UH0145	Margaret F Phillips		
#2878	Section 03	[units: 4]	Gen Ed Laboratory (GL)				
	01/19-05/19	T	10:10 AM - 11:50 AM	UH0244	Margaret F Phillips		
	01/19-05/19	MWF	07:45 AM - 08:35 AM	UH0145	Margaret F Phillips		
#2880	Section 04	[units: 4]	Gen Ed Laboratory (GL)				
	01/19-05/19	M	02:15 PM - 03:55 PM	UH0244	Marsha L Goodell		
	01/19-05/19	M	02:15 PM - 03:55 PM	UH0244	Steven W Anderson		
	01/19-05/19	MWF	07:45 AM - 08:35 AM	UH0145	Margaret F Phillips		

CHEM 102 INTRODUCTORY CHEMISTRY ... An introduction to the general concepts of chemistry including matter and energy, atomic and molecular structure, bonding, reactions and stoichiometry, gas laws, changes of state, thermochemistry, acid-base theory, solutions, colloids, kinetics, equilibria and electrochemistry.

PREREQ: MATH 141 WITH A GRADE OF C OR BETTER OR WAIVER.

#2882	Section 01	[units: 5]	Gen Ed Laboratory (GL)				
	01/19-05/19	T	08:00 AM - 10:45 AM	UH0242	Sarah Hosseini		
	01/19-05/19	MTWR	11:00 AM - 11:50 AM	HH2203	Sarah Hosseini		
#2886	Section 02	[units: 5]	Gen Ed Laboratory (GL)				
	01/19-05/19	W	02:15 PM - 05:00 PM	UH0242	Hassimi Traore		
	01/19-05/19	MTWR	11:00 AM - 11:50 AM	HH2203	Sarah Hosseini		
#2888	Section 03	[units: 5]	Gen Ed Laboratory (GL)				
	01/19-05/19	R	08:00 AM - 10:45 AM	UH0242	Hassimi Traore		
	01/19-05/19	MTWR	11:00 AM - 11:50 AM	HH2203	Sarah Hosseini		
#2890	Section 04	[units: 5]	Gen Ed Laboratory (GL)				
	01/19-05/19	M	02:15 PM - 05:00 PM	UH0242	Margaret F Phillips		
	01/19-05/19	MTWR	12:05 PM - 12:55 PM	UH0140	Christopher T Veldkamp		
#2926	Section 05	[units: 5]	Gen Ed Laboratory (GL)				
	01/19-05/19	W	08:00 AM - 10:45 AM	UH0242	Christopher T Veldkamp		
	01/19-05/19	MTWR	12:05 PM - 12:55 PM	UH0140	Christopher T Veldkamp		
#2948	Section 06	[units: 5]	Gen Ed Laboratory (GL)				
	01/19-05/19	R	02:15 PM - 05:00 PM	UH0242	Hassimi Traore		
	01/19-05/19	MTWR	12:05 PM - 12:55 PM	UH0140	Christopher T Veldkamp		

CHEM 104 INTRODUCTORY CHEMISTRY ... A continuation of CHEM 102.**PREREQ: CHEM 102**

#2892	Section 01	[units: 5]	Gen Ed Laboratory (GL)				
	01/19-05/19	M	08:00 AM - 10:45 AM	UH0244	John W Ejnik		
	01/19-05/19	M	08:00 AM - 10:45 AM	UH0244	Baocheng Han		
	01/19-05/19	MTWR	12:05 PM - 12:55 PM	UH0145	John W Ejnik		
#2896	Section 02	[units: 5]	Gen Ed Laboratory (GL)				Dept. Consent
	01/19-05/19	W	08:00 AM - 10:45 AM	UH0244	John W Ejnik		
	01/19-05/19	MTWR	12:05 PM - 12:55 PM	UH0145	John W Ejnik		
#4567	Section 02X	[units: 5]	Gen Ed Laboratory (GL)				Dept. Consent
	01/19-05/19	W	08:00 AM - 10:45 AM	UH0244	John W Ejnik		
	01/19-05/19	MTWR	12:05 PM - 12:55 PM	UH0145	John W Ejnik		
#2898	Section 03	[units: 5]	Gen Ed Laboratory (GL)				
	01/19-05/19	R	08:00 AM - 10:45 AM	UH0244	Sarah Hosseini		
	01/19-05/19	MTWR	12:05 PM - 12:55 PM	UH0145	John W Ejnik		
#2928	Section 04	[units: 5]	Gen Ed Laboratory (GL)				
	01/19-05/19	T	02:15 PM - 05:00 PM	UH0244	Margaret F Phillips		
	01/19-05/19	MTWR	12:05 PM - 12:55 PM	UH0145	John W Ejnik		

<i>Start/End Dates</i>	<i>Meeting Days</i>	<i>Meeting Times</i>	<i>Location</i>	<i>Instructor</i>	<i>Course Topic (if applicable)</i>
#2954 Section 05 [units: 5]	Gen Ed Laboratory (GL)				
01/19-05/19	W	02:15 PM - 05:00 PM	UH0244	Steven W Anderson	
01/19-05/19	MTWR	12:05 PM - 12:55 PM	UH0145	John W Ejniak	
#4566 Section 06 [units: 5]	Gen Ed Laboratory (GL)				
01/19-05/19	R	02:15 PM - 05:00 PM	UH0244	John W Ejniak	
01/19-05/19	MTWR	12:05 PM - 12:55 PM	UH0145	John W Ejniak	

CHEM 251 ORGANIC CHEMISTRY ... Introductory chemistry of the compounds of carbon, their structures and reactions. Three hours of lecture per week.

PREREQ: CHEM 104

#2900 Section 01 [units: 3]					
01/19-05/19	MWF	08:50 AM - 09:40 AM	UH0143	Sarah Hosseini	

CHEM 252 ORGANIC CHEMISTRY ... A continuation of CHEM 251. Three hours of lecture per week.

PREREQ: CHEMISTRY 251

#2902 Section 01 [units: 3]					
01/19-05/19	MWF	08:50 AM - 09:40 AM	UH0144	Steven W Anderson	

CHEM 261 ORGANIC CHEMISTRY LABORATORY ... Basic organic manipulative techniques and simpler syntheses are considered. Spectroscopic topics are introduced. Generally taken concurrently with CHEM 251. Two three-hour laboratories per week.

COREQ: CHEM 251

#2904 Section 01 [units: 2]					
01/19-05/19	TR	02:15 PM - 05:00 PM	UH0246	Steven W Anderson	

#2906 Section 02 [units: 2]					
01/19-05/19	MW	05:15 PM - 08:00 PM	UH0246	Marsha L Goodell	

CHEM 262 ORGANIC CHEMISTRY LABORATORY ... A continuation of CHEM 261. Includes more advanced synthetic work and spectroscopic techniques. Generally taken concurrently with CHEM 252. Two three-hour laboratories per week.

PREREQ: CHEM 261 AND CHEM 252 OR COREQ: CHEM 252

#2916 Section 01 [units: 2]					
01/19-05/19	TR	08:00 AM - 10:45 AM	UH0247	Christopher T Veldkamp	

#2924 Section 02 [units: 2]					
01/19-05/19	MW	02:15 PM - 05:00 PM	UH0247	Hephzibah J Kumpaty	

CHEM 371 PHYSICAL CHEMISTRY ... A continuation of CHEM 370.

PREREQ: CHEM 370

#2918 Section 01 [units: 3]					
01/19-05/19	TR	11:00 AM - 12:15 PM	UH0236	Hassimi Traore	

CHEM 456 BIOCHEMISTRY ... An introduction to the chemistry of biological systems. The chemistry of the major compounds of living organisms, e.g., proteins, carbohydrates, lipids and nucleic acids, are studied. Intermediary metabolism and biological control are emphasized. The course meets for 3 lectures and 1 laboratory session a week.

PREREQ: CHEM 252 AND BIOLOGY 120 OR BIOLOGY 141 WITH A GRADE OF C OR BETTER OR CONSENT OF INSTRUCTOR

#2944 Section 01 [units: 4]					
01/19-05/19	T	02:15 PM - 05:00 PM	UH0262	Catherine W Chan	
01/19-05/19	MW	11:00 AM - 12:15 PM	UH0144	Catherine W Chan	

#2946 Section 02 [units: 4]					
01/19-05/19	W	02:15 PM - 05:00 PM	UH0262	Catherine W Chan	
01/19-05/19	MW	11:00 AM - 12:15 PM	UH0144	Catherine W Chan	

CHEM 460 ADVANCED INORGANIC CHEMISTRY ... Atomic and molecular structures, chemical bonding and periodic properties of the elements. Synthesis, characterization and structures of the compounds involving both representative and transition elements, organometallic and bioinorganic compounds and their applications. Group theory and bonding theories.

PREREQ: CHEM 252, CHEM 261 AND CHEM 352 AND COREQ: CHEM 371 OR CONSENT OF INSTRUCTOR

#4570 Section 01 [units: 4]					
01/19-05/19	TR	08:00 AM - 10:45 AM	UH0240	Paul G House	
01/19-05/19	TR	01:10 PM - 02:00 PM	UH0236	Paul G House	

CHEM 471 EXPERIMENTAL PHYSICAL CHEMISTRY ... A continuation of CHEM 470. Four hours of laboratory per week.

PREREQ: CHEM 470 AND COREQ: CHEM 371

#2920 Section 01 [units: 2]					
01/19-05/19	M	02:00 PM - 06:00 PM	UH0240	Paul G House	

CHEM 484 TOPICS IN CHEMISTRY ... A course where students will use chemical and scientific literature, introduction to the seminar concept, participation in studies and discussion of current developments in chemistry. The student will review a topic and present that topic orally and in writing. This course may not be used as part of the Chemistry minor.

PREREQ: JUNIOR/SENIOR STATUS AND CONSENT OF INSTRUCTOR

#2930 Section 01 [units: 0.5-1]					
01/19-05/19	F	12:05 PM - 12:55 PM	UH0236	John W Ejniak	

S/NC Grading Basis Only

Start/End Dates Meeting Days Meeting Times Location Instructor Course Topic (if applicable)

CHEM 496 SPECIAL STUDIES ... Variable topics. Group activity. Not offered regularly in the curriculum but offered on topics selected on the basis of timeliness, need, and interest, and generally in the format of regularly scheduled Catalog offerings. Repeatable two times for a maximum 6 credits in degree.

PREREQ: ENGLISH 101 OR ENGLISH 161 □

#5424 Section 01 [units: 1]

CHEM 102 AND BIO 141 OR 120

01/19-05/19 F 02:15 PM - 03:05 PM UH0236 Paul G House ENVIRONMENTAL POLLUTANTS

01/19-05/19 F 02:15 PM - 03:05 PM UH0236 Catherine W Chan ENVIRONMENTAL POLLUTANTS

01/19-05/19 F 02:15 PM - 03:05 PM UH0236 Elisabeth A Harrahy ENVIRONMENTAL POLLUTANTS

CHEM 498 INDEPENDENT STUDY IN CHEMISTRY ... Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree. Credits in this course may not be used to fulfill minor requirements in Chemistry.

#2908 Section 01 [units: 1-3]

01/19-05/19 Arranged Arranged

Steven W Anderson

Dept. Consent

#2910 Section 02 [units: 1-3]

01/19-05/19 Arranged Arranged

Paul G House

Dept. Consent

#2912 Section 03 [units: 1-3]

01/19-05/19 Arranged Arranged

Hassimi Traore

Dept. Consent

#2914 Section 04 [units: 1-3]

01/19-05/19 Arranged Arranged

Baocheng Han

Dept. Consent

#2934 Section 05 [units: 1-3]

01/19-05/19 Arranged Arranged

Hephzibah J Kumpaty

Dept. Consent

#2936 Section 06 [units: 1-3]

01/19-05/19 Arranged Arranged

Catherine W Chan

Dept. Consent

#2952 Section 07 [units: 1-3]

01/19-05/19 Arranged Arranged

John W Ejnik

Dept. Consent

CHEM 498R INDEPENDENT STUDY - UNDERGRADUATE RESEARCH ... Study of a selected topic or topics under the direction of a faculty member. Repeatable for a maximum of 6 credits in major/degree. Credits in this course may not be used to fulfill minor requirements in Chemistry.

#4572 Section 01 [units: 1-3]

01/19-05/19 Arranged Arranged

Steven W Anderson

Dept. Consent

#4573 Section 02 [units: 1-3]

01/19-05/19 Arranged Arranged

Baocheng Han

Dept. Consent

#4574 Section 03 [units: 1-3]

01/19-05/19 Arranged Arranged

Hassimi Traore

Dept. Consent

#4575 Section 04 [units: 1-3]

01/19-05/19 Arranged Arranged

Catherine W Chan

Dept. Consent

#4576 Section 05 [units: 1-3]

01/19-05/19 Arranged Arranged

Paul G House

Dept. Consent

#4577 Section 06 [units: 1-3]

01/19-05/19 Arranged Arranged

John W Ejnik

Dept. Consent

#4571 Section 07 [units: 1-3]

01/19-05/19 Arranged Arranged

Hephzibah J Kumpaty

Dept. Consent

#4578 Section 08 [units: 1-3]

01/19-05/19 Arranged Arranged

Christopher T Veldkamp

Dept. Consent

#5379 Section 09 [units: 1-3]

01/19-05/19 Arranged Arranged

Margaret F Phillips

Dept. Consent